

# **DRAFT -- Final version to be uploaded later**

## **OWLETS Daily Observational Status Report** Date: **July 12, 2017**

Green = Full Capability (No Comment Required), Yellow = Partial Capability or in transition, Red = Significant loss or no measurements, Grey = not planned

<b>REMOTE SENSORS</b>			
<b>System</b>	<b>Location</b>	<b>Status</b>	<b>Notes</b>
GSFC lidar (John Sullivan, Tom McGee, Lance Nino, Larry Twigg)	LaRC (inland site)		~9 am to 7 pm
LaRC lidar (Guillaume Gronoff, Tim Berkoff, Bill Carrion, Betsy Farris)	CBBT third island (water site)		11 am to 7 pm
Pandora (Bob Swap)	LaRC		
AERONET sunphotometers	LaRC, Hampton U		
Aircraft			No aircraft this day
LaRC MPL (Schuster)	LaRC/CAPABLE site		Not operating
Hampton U MPL (Moore, McCormick)	Hampton U		11 am to 7 pm
Hampton U ozone lidar (McCormick, Moore)	Hampton U		Not operating on this day?
Ceilometers (Szykman, SWAP)	LaRC, VCU?, CBBT		
<b>IN-SITU SENSORS</b>			
<b>System</b>	<b>Location</b>	<b>Status</b>	<b>Notes</b>
UAV/POM (Allen, Neilan)	CBBT & LaRC		Not operating on this day
Sondes (Knepp, Sullivan, Pippin)	CBBT and LaRC, Hampton		~ 11:45 met sonde, 3:45 pm ozonesonde
Three 2B Technologies bench type (Model 202, Pippin)	VLM		TRO down?
POM, 2B Technologies (Pippin)	Mobile car, and other locations		Two mobile vehicles deployed
CAPABLE trailer (Szykman)	LaRC		DEQ also has O3, CO, SO2, NO2, PM at this location
DEQ sites	Norfolk(CO, SO2, NO2), Tidewater CC(O3), Suffolk Tech (O3)		
NO2 surface sensors	CBBT		NO2 at CBBT, other sites?